





| REVISIONS | | | | | |
|-----------|------|---|-------|-------|------|
| REV | ZONE | DESCRIPTION | BY | DATE | APPD |
| - | ALL | INITIAL ISSUE | AMSEC | 6/07 | |
| A | ALL | REVISED DRAWING TO INCLUDE EQPT CONTROLLERS | AMSEC | 6/26 | |
| B | ALL | DRAWING REVISED TO REFLECT AS-BUILT CONDITIONS BASED ON SHIPCHECK OF 09/07. | AMSEC | 10/07 | |

| GENERAL NOTES | | | | | |
|---------------|---|--|--|--|--|
| 1. | THE PURPOSE OF THIS DRAWING IS TO SHOW THE MODIFIED GENERAL ARRANGEMENT OF THE SHIP "EX-CAPABLE" AS CONVERTED TO A NOAA RESEARCH SHIP "OKEANOS EXPLORER". | | | | |
| 2. | ALL WORK (TO INCLUDE MATERIALS, WORKMANSHIP, AND ENGINEERING DESIGNS) SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL MEET APPLICABLE "AMERICA BUREAU OF SHIPPING" (ABS), CFR 46, AND SOLAS REQUIREMENTS. | | | | |
| 3. | ABBREVIATIONS ARE IN ACCORDANCE WITH ASME Y14.38-1999. | | | | |
| 4. | ALL FEATURES ARE EXISTING UNLESS NOTED: (N) NEW, (M) MODIFIED, (R) RELOCATED. | | | | |
| 5. | WHERE EQUIPMENT MANUFACTURER/MODEL IS IDENTIFIED SUBSTITUTIONS MUST BE APPROVED BY NOAA AS HAVING EQUAL SALIENT FEATURES AND QUALITY OF CONSTRUCTION. IN ADDITION, THE PROPOSED SUBSTITUTE MUST BE SHOWN TO BE SUITABLE FOR INTEGRATION INTO THE SYSTEM WITHOUT HAVING A NEGATIVE IMPACT ON THE OVERALL ARRANGEMENT, PERFORMANCE, MAINTENANCE OR ACCESS TO THE SPACE. | | | | |
| 6. | CLEAR HEAD ROOM IN NORMALLY OCCUPIED SPACES SHALL BE AS HIGH AS POSSIBLE, BUT NOT LESS THAN 6 FEET 9 INCHES. | | | | |

| | | |
|----|--|-------------|
| 15 | MACHINERY ARRANGEMENT | OE-201-101 |
| 14 | TRANSDUCER FAIRING STRUCTURAL MODS | OE-165-101 |
| 13 | TRANSDUCER ARRANGEMENT | OE-461-003 |
| 12 | SCANTLINGS MAIN DECK AND BELOW | OE-130-101 |
| 11 | SCANTLINGS ABOVE MAIN DECK | OE-150-101 |
| 10 | ROV GARAGE ARRANGEMENT & DETAIL | OE-660-101 |
| 9 | MOORING ARRANGEMENT | OE-582-101 |
| 8 | FOREMAST | OE-170-101 |
| 7 | BOW THRUSTER ZONE STRL MODS | OE-100-101 |
| 6 | ARR STERN THRUSTER RM, TRACTION WINCH RM & SCIENTIFIC STRM | OE-568-101 |
| 5 | ARRANGEMENT ROV WORKSHOP & DIVE LOCKER | OE-660-102 |
| 4 | ARRANGEMENT MISSION DECK RIGGING AND EQPT | OE-570-101 |
| 3 | ARRANGEMENT BOW THRUSTER ELEC MOTOR ROOM | OE-568-102 |
| 2 | ARRANGEMENT BOAT HANDLING | OE-583-101 |
| 1 | ANTENNA ARRANGEMENT | OE-405-101 |
| NO | TITLE | DRAWING NO. |

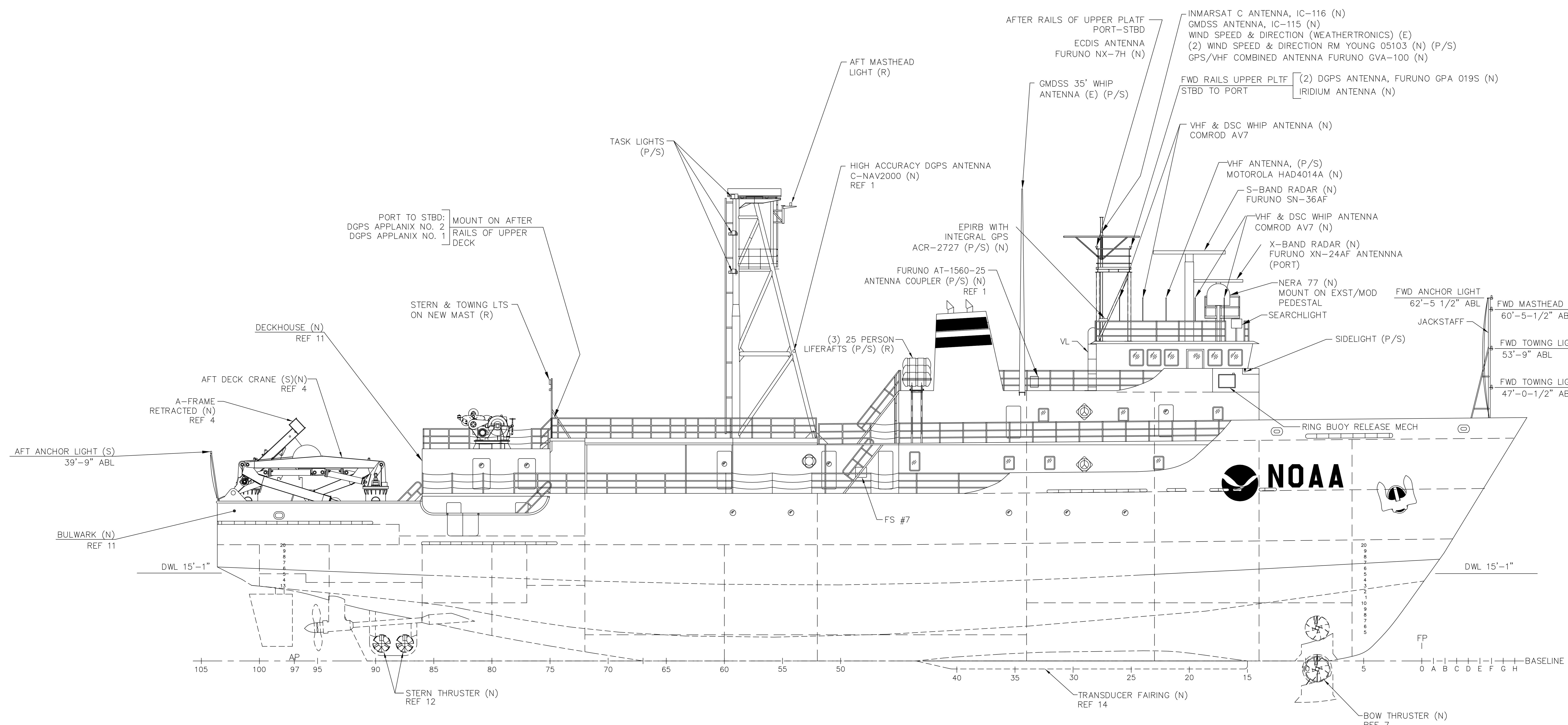
| REFERENCES | | |
|--|--|--|
| NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OFFICE OF NOAA CORPS OPERATIONS | | |

| PROJECT ENGR | DATE | NOAA SHIP OKEANOS EXPLORER |
|---------------|------|----------------------------|
| ASST PROG MGR | DATE | GENERAL ARRANGEMENT |
| PROGRAM MGR | DATE | |
| | | |
| | | |

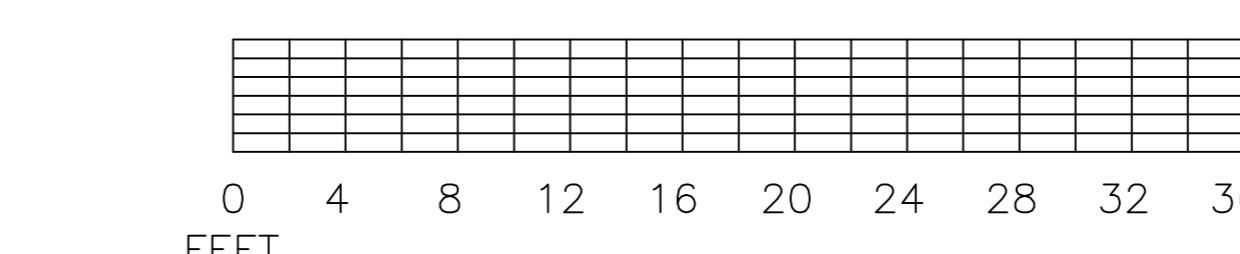
| DESIGNED | NN & SMC | 11/06 | SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|----------|--------------|-------|-----------------|-----------|------------------------------|------------|
| CHECKED | P. CHIAVETTA | 06/07 | | F | OYLJ5 | OE-601-101 |
| REVIEWED | G. HABERMAN | 06/07 | | | APPROVED FOR NOAA | |
| APPROVED | G. HABERMAN | 06/07 | SCALE: AS NOTED | | CAD FILENAME: OE-601-101.DWG | 1 OF 8 |

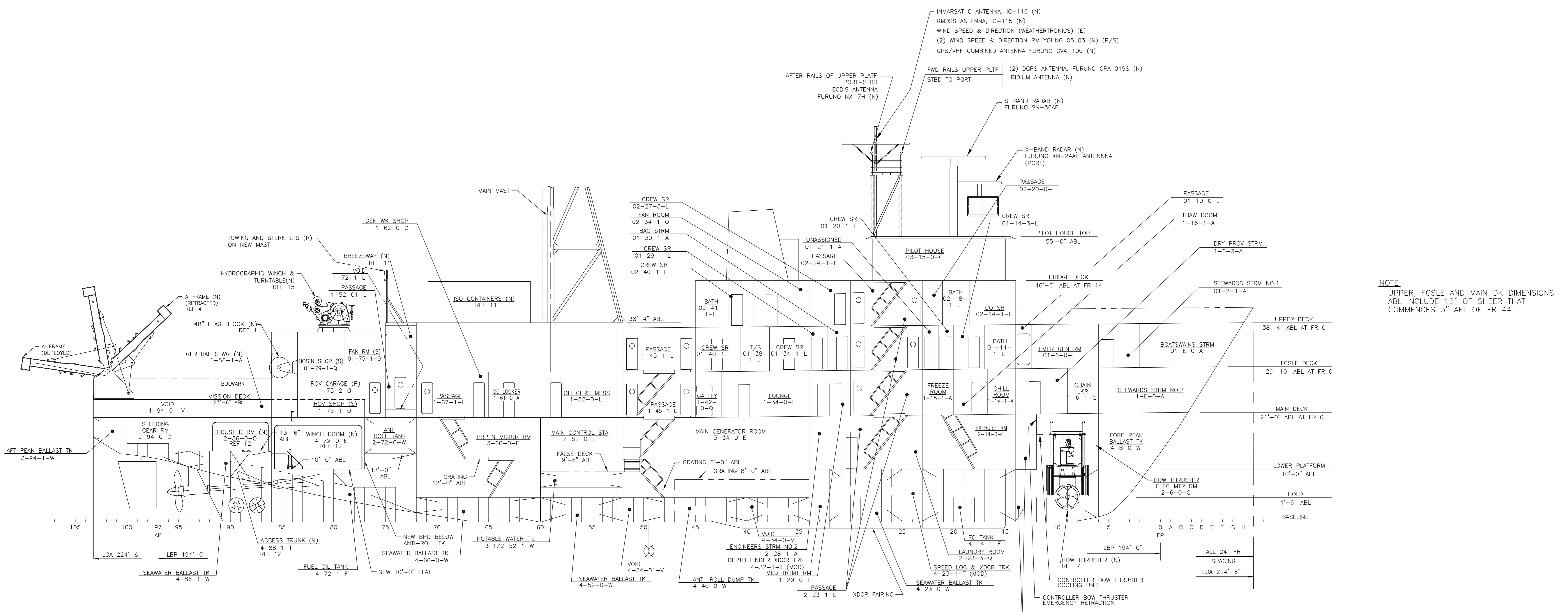
AMSEC LLC
M. ROSENBLATT & SON GROUP
NAVAL ARCHITECTS & MARINE ENGINEERS
BREMERTON, OAKLAND, SAN DIEGO

PROJECT ENGR DATE
ASST PROG MGR DATE
PROGRAM MGR DATE
SIZE CAGE CODE NOAA DRAWING NUMBER
F OYLJ5 OE-601-101 REV B
APPROVED FOR NOAA
SCALE: AS NOTED CAD FILENAME: OE-601-101.DWG SHEET 1 OF 8
AREA

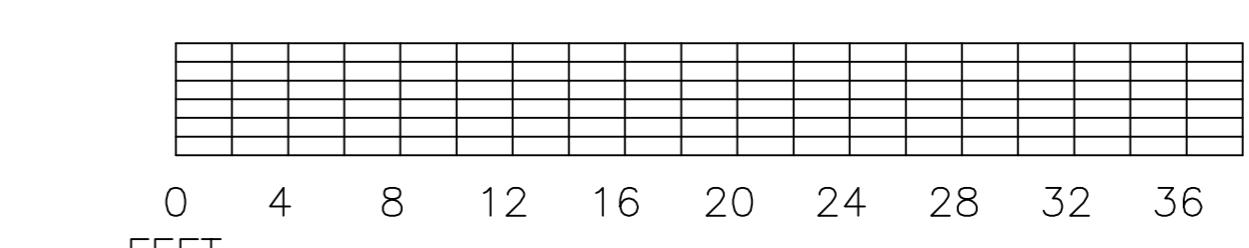


ELEVATION 12-B
OUTBOARD PROFILE

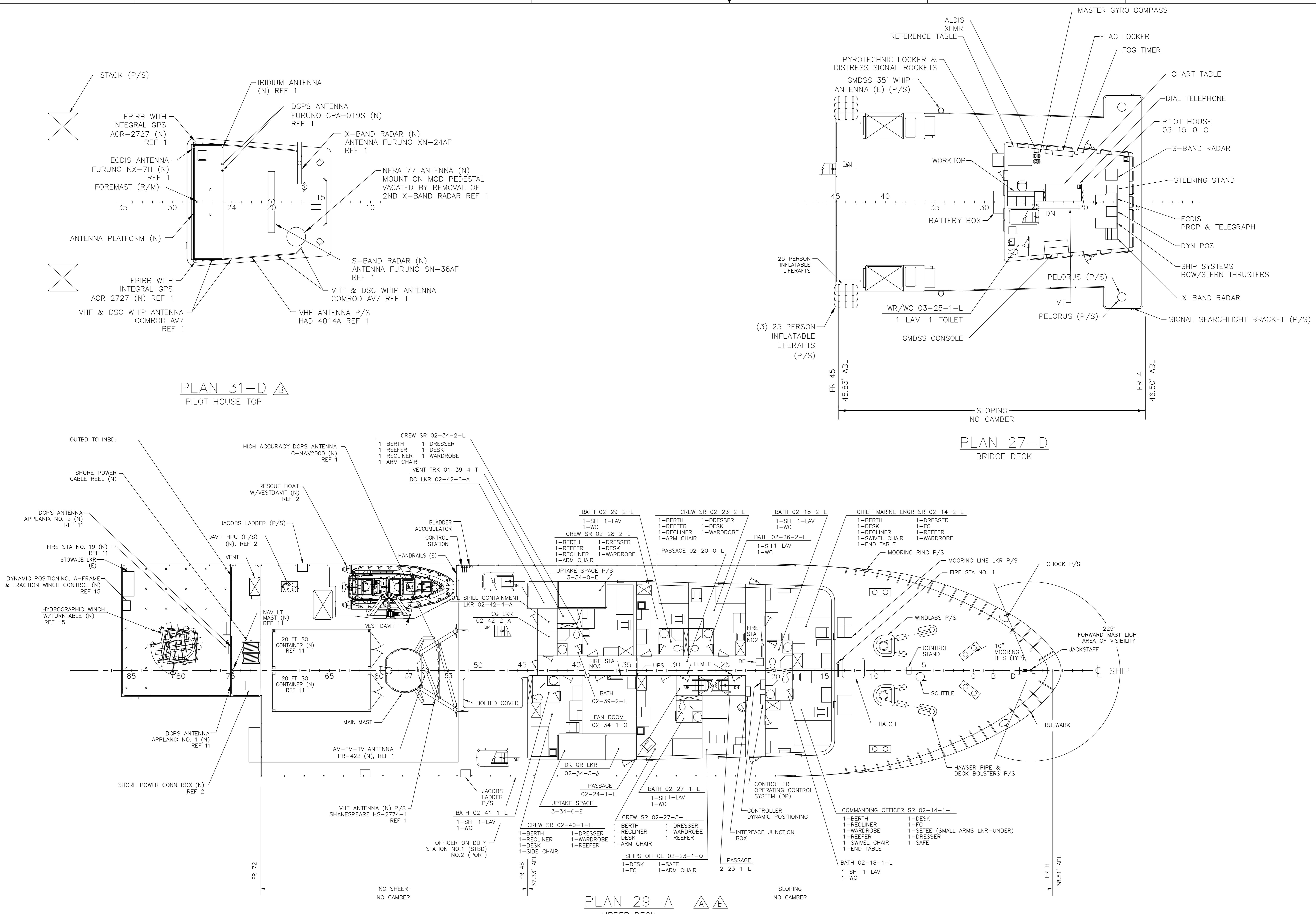


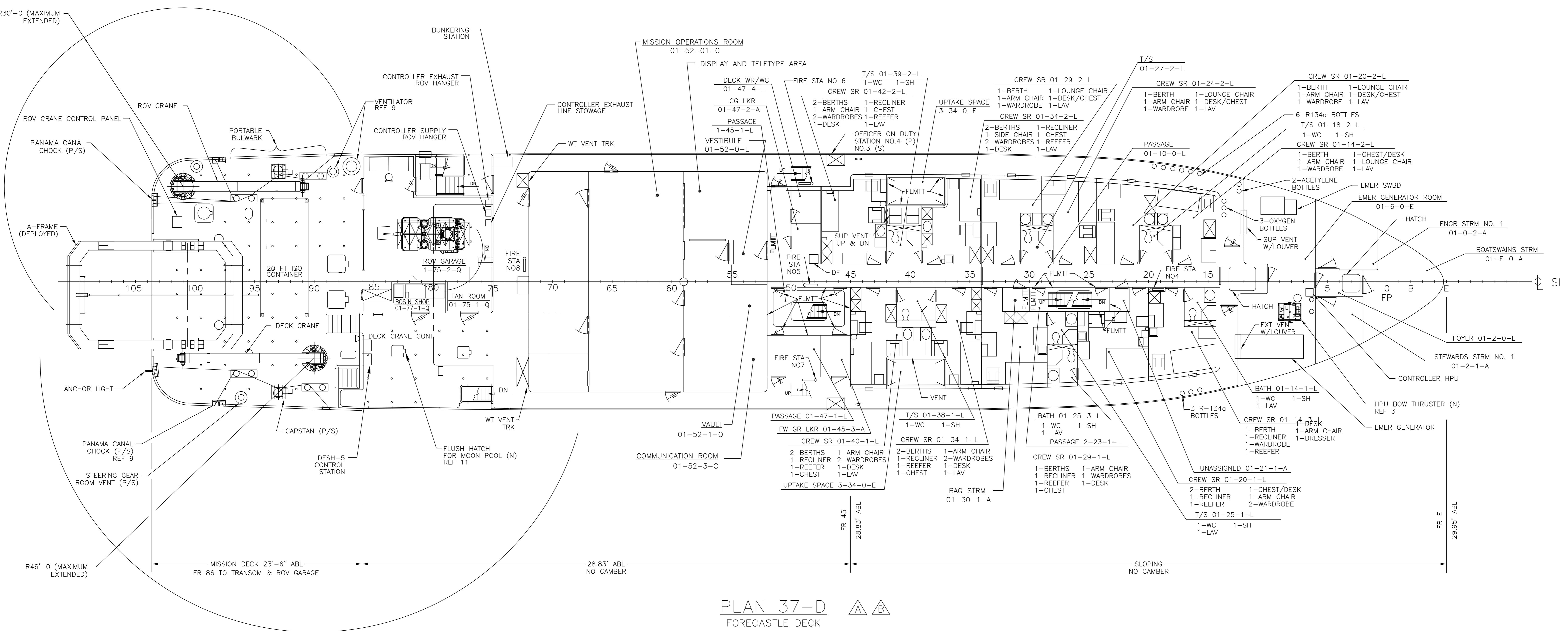


ELEVATION 20-B A INBOARD PROFILE

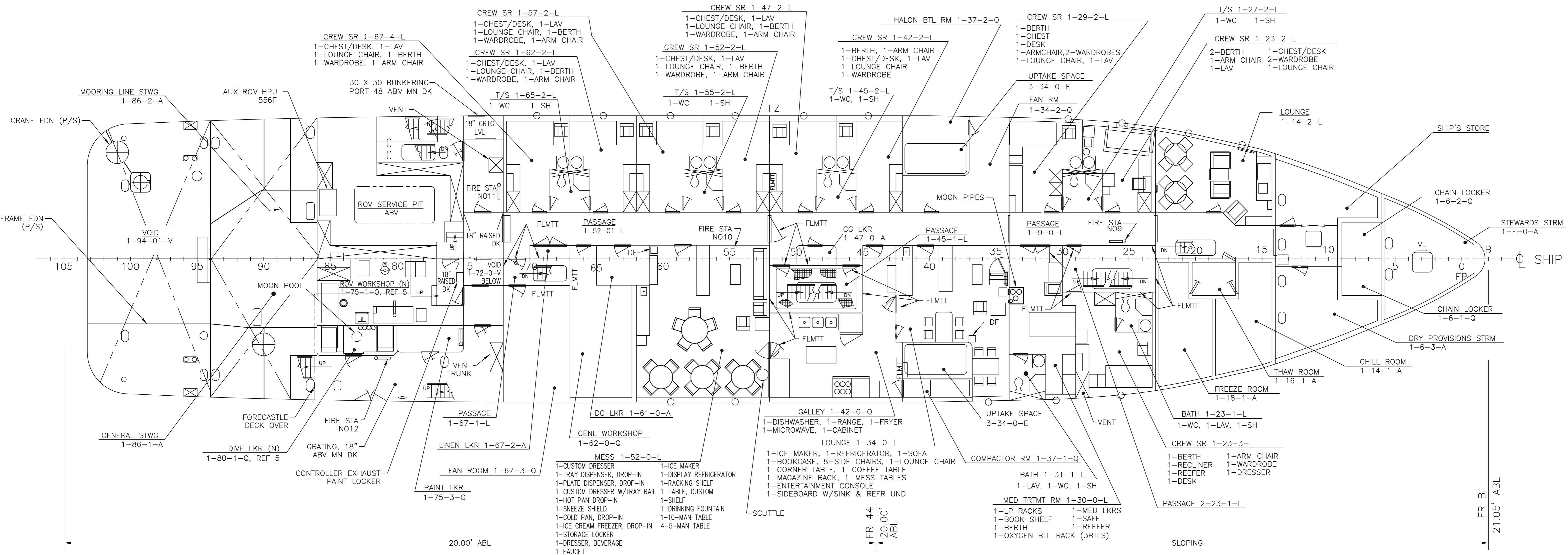


| | | | |
|------------------|--------------------|-----------------------------------|----------|
| SIZE F | CAGE CODE OYLJ5 | NOAA DRAWING NUMBER OE-601-101 | REV B |
| SCALE: 1/8=1'-0" | | SHEET 3 OF 9 | |





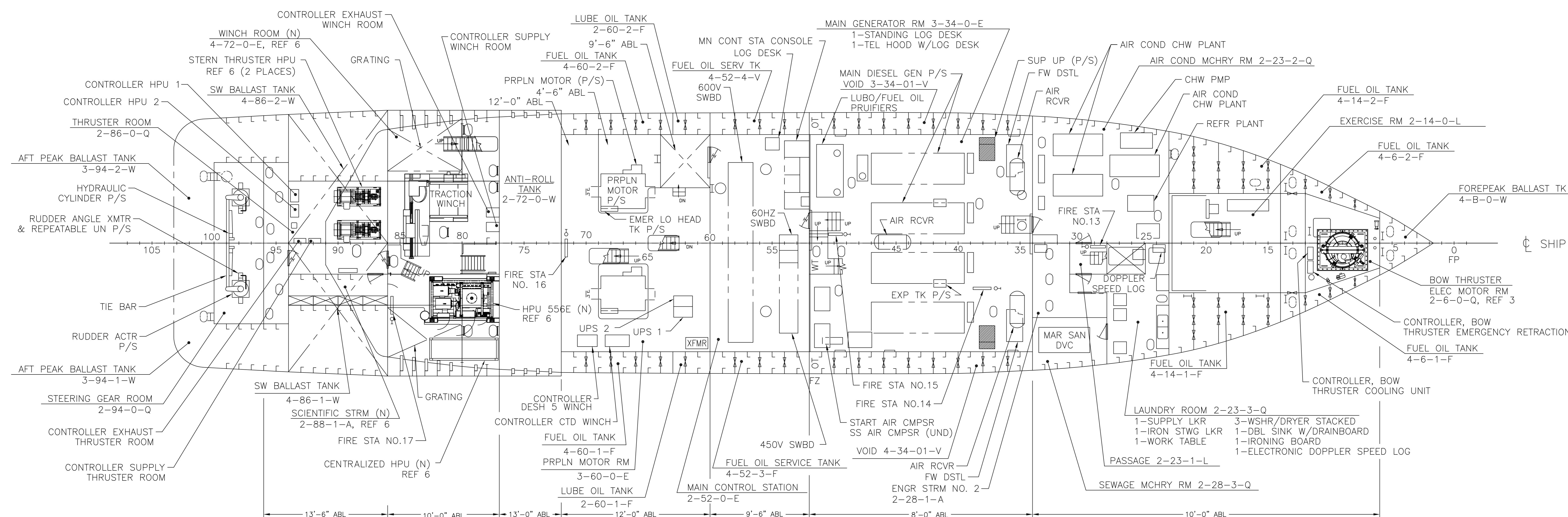
PLAN 37-D  



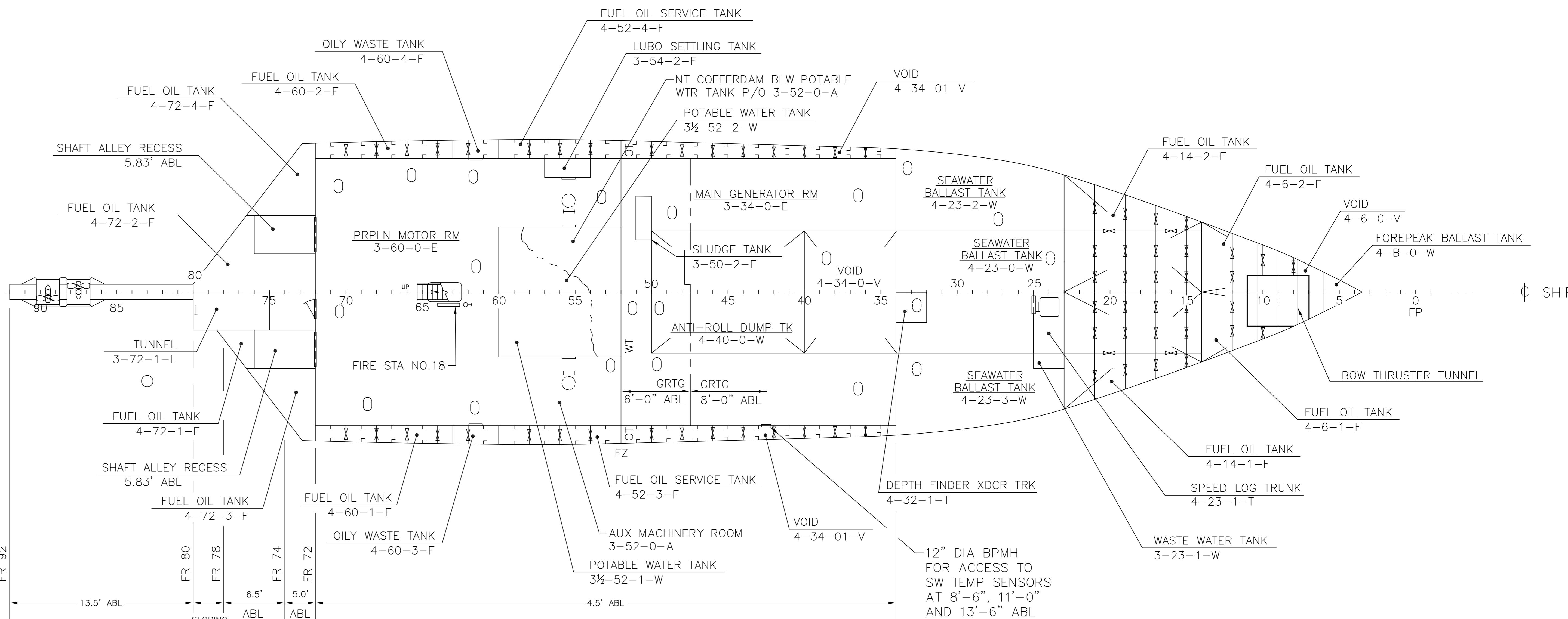
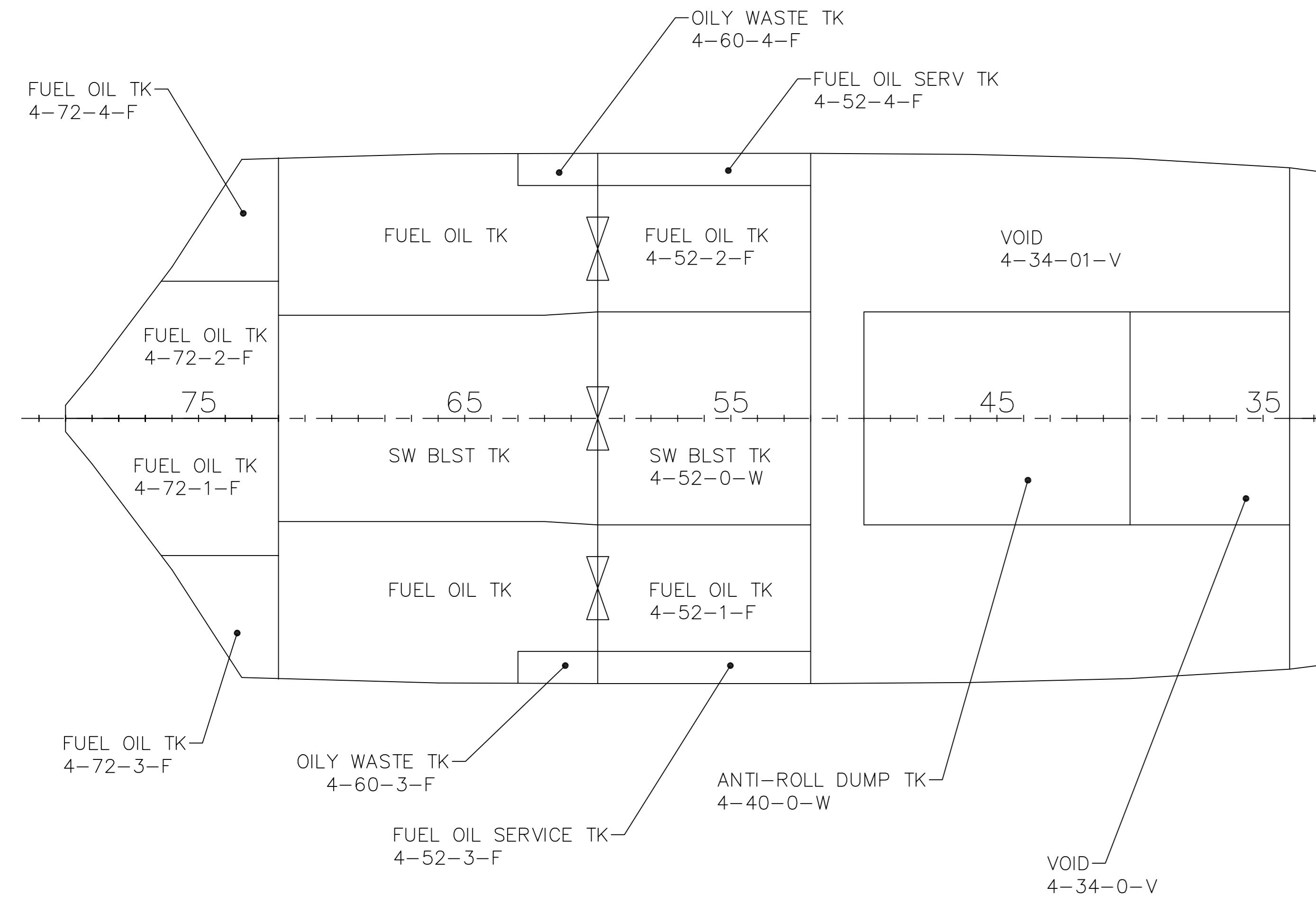
PLAN 37-A
MAIN DECK

A 3x12 grid of lines, representing a 36-foot wide area divided into 12 equal sections of 3 feet each. The grid is labeled with 'FEET' at the bottom and numerical values 0, 4, 8, 12, 16, 20, 24, 28, 32, and 36 along the bottom edge.

| | | | |
|-----------------|--------------------|-----------------------------------|----------|
| SIZE F | CAGE CODE OYLJ5 | NOAA DRAWING NUMBER OE-601-101 | REV B |
| SCALE: 1/8=1'-0 | | SHEET 5 OF 8 | |

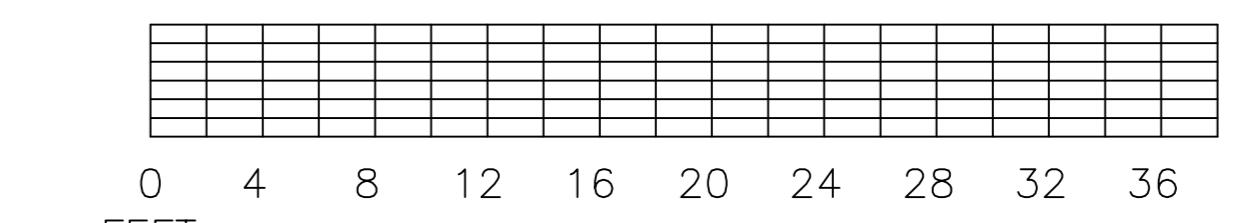


PLAN 45-D A
LOWER DECK

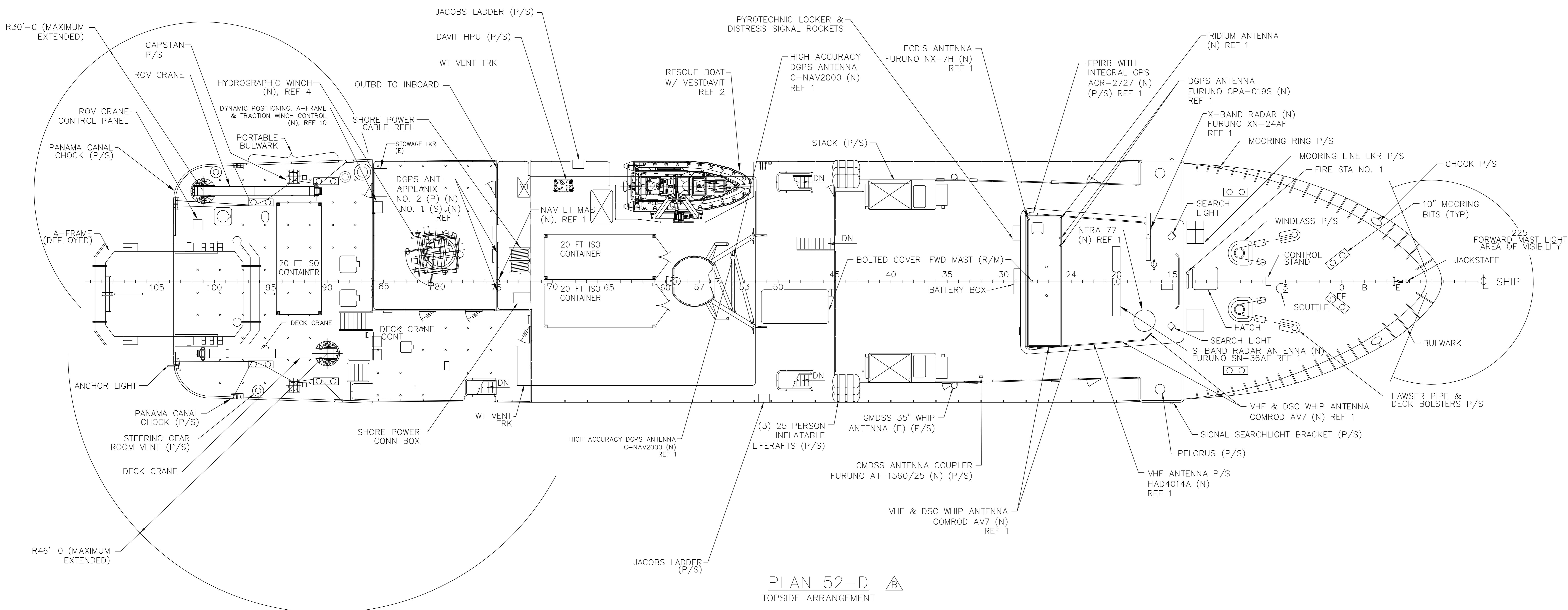


PLAN 47-A
INNERBOTTOM

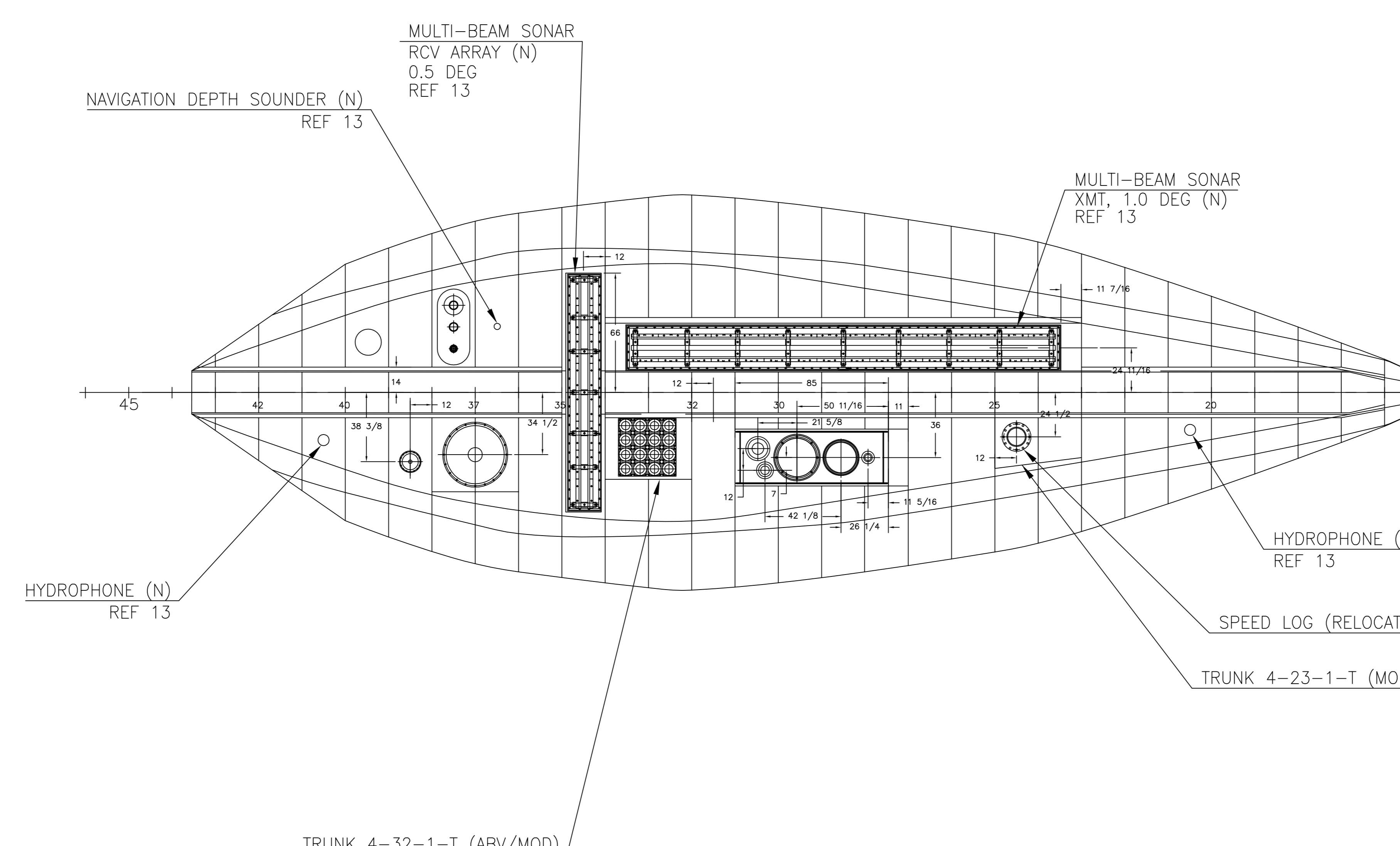
PLAN 44-A
HOLD



| | | | |
|------------------|--------------------|-----------------------------------|----------|
| SIZE F | CAGE CODE OYLJ5 | NOAA DRAWING NUMBER OE-601-101 | REV B |
| SCALE: 1/8=1'-0" | | SHEET 6 OF 9 | |



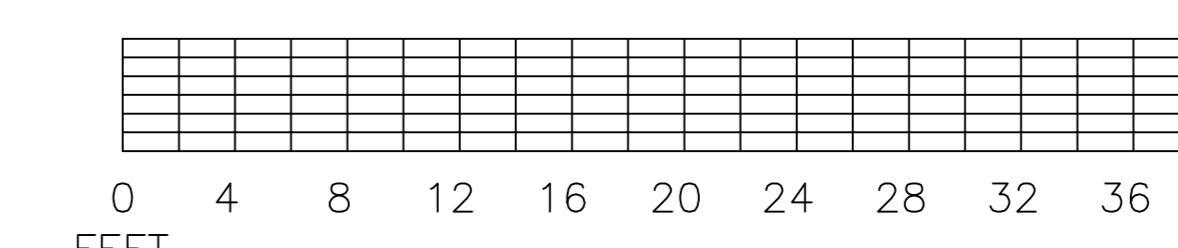
PLAN 52-D




TRANSDUCER FAIRING AS SHOWN BELOW KEEL
SCALE: 1/4"=1'-0"

PLAN 52-A

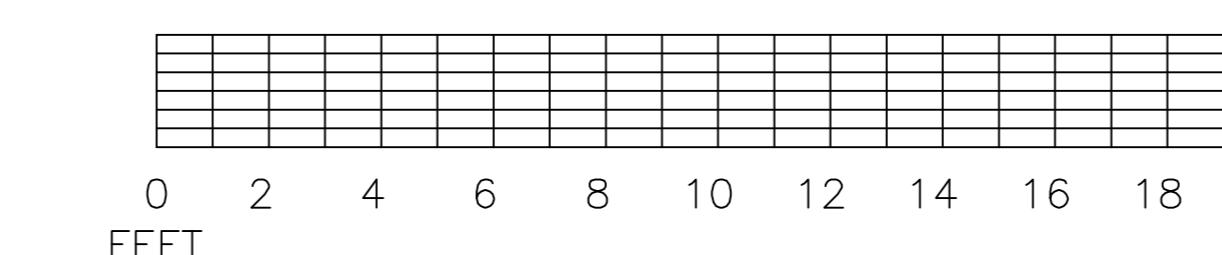
FAIRING ARRANGEMENT



| | | | |
|-----------------------------|---------------------|-----------------------------------|----------|
| SIZE F | CAGE CODE OY LJ5 | NOAA DRAWING NUMBER OE-601-101 | REV B |
| SCALE: 1/8=1'-0" & AS NOTED | | SHEET 7 OF 8 | |



SECTION 62-A B
BOW PROFILE



SECTION 58-A B
STERN PROFILE

SIZE CAGE CODE NOAA DRAWING NUMBER
F FOYLJ5 OE-601-101 B
SCALE: 1/4=1'-0 SHEET 8 OF 8
REV B
ACAD FILE NAME: OE-601-101
57